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ance Notes on Codes and Abbreviations" appearing at the begin-
ning of each regular issue of the PCT Gazette.

(54) Title: METHOD FOR PREPARING A MODIFIED HOST CELL

(57) Abstract: The present invention relates to a method for preparation of a modified host cell which comprises the steps of (a) transfecting a host cell with at least one compound of interest to which a label is covalently coupled and (b) isolating the transfected host cell, wherein the label provides to the host cell a non-inheritable trait. Modified host cells according to the invention can be directly separated from the non-modified host cell. To this end use is made of labels, which can be monitored at the modified cells (such as fluorescent labels) and which enable separation of the modified and non-modified host cells by suitable means. In case of fluorescent labels use can be made of a Fluorescent Activated Cell Sorter. Suitable compounds of interest according to this invention are compounds, which enable to change permanently or transiently a metabolic property of the host cell. Examples of compounds are polynucleotides, proteins or metabolites. The host cells modified according to the present invention can be used for the production of proteins, metabolites and cell biomass.



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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 C07H21/00 C12N15/65

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, MEDLINE, WPI Data, PAJ, BIOSIS, EMBASE, CHEM ABS Data, SCISEARCH

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	JOHNSON A L ET AL: "A method to monitor DNA transfer during transfection." AAPS PHARMSCI, vol. 1, no. 2, 1999, page E6, XP002268416 ISSN: 1522-1059 abstract; figure 1C page 4, column 1, paragraph 2 - page 5, column 1, paragraph 2 -----	1-26
X	US 6 608 213 B1 (OKAHATA YOSHIO ET AL) 19 August 2003 (2003-08-19) abstract; claims 7,8 column 7, line 44 - column 8, line 3; figure 10 -----	1-26
X	US 6 262 252 B1 (WOLFF JON A ET AL) 17 July 2001 (2001-07-17) example 11 -----	1-26
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	EP 1 321 523 A (DSM NV) 25 June 2003 (2003-06-25) abstract page 5, line 45 - page 9, line 43 -----	1-26
A	WO 03/027261 A (FUNCTIONAL GENETICS INC ;LI LIMIN (US)) 3 April 2003 (2003-04-03) abstract; claims 1-31 -----	1-26

INTERNATIONAL SEARCH REPORT

Information on patent family members

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